DEC 1 3 2004

PTO/SB/22 (10-04)
Approved for use drough 7/21/2005, OMS 0851-0231
U.S. Palent and Tredemak Office; U.S. DEPARTMENT OF COMMERCE

PETITIO	ON FO	R EXTENSION OF TIME UNDER 3	Docket Number (Optional)						
		FY 2005	PHRM0018-100/PC26882						
A = = 11 = = 45		es effective on or after October 1,							
		ber 09/899,495	Filed July 7, 2001						
For Human ion Channels									
Art Unit	1647			Examiner Robert	S. Landsman				
This is a request under the provisions of 37 CFR 1.138(a) to extend the period for filling a reply in the above identified application. The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):									
THE PEOPLE	916G CM	спают впо все вто ва говому (слеск илте рв	noc desired and ente	r the appropriate fee belo)W):				
	_		Fee	Small Entity Fee					
		One month (37 CFR 1.17(a)(1))	\$110	\$55	s				
		Two months (37 CFR 1.17(a)(2))	\$430	\$215	\$				
	\boxtimes	Three months (37 CFR 1.17(a)(3))	\$1020	\$490	\$ <u>1020</u>				
		Four months (37 CFR 1.17(a)(4))	\$1530	\$765	\$				
		Five months (37 CFR 1.17(a)(5))	\$2080	\$1040	\$				
	Applicant claims small entity status. See 37 CFR 1.27.								
	A check in the amount of the fee is enclosed.								
	Payment by credit card. Form PTO-2038 is attached.								
	The Director has already been authorized to charge fees in this application to a Deposit Account.								
Ø	The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 50-1275. I have enclosed a duplicate copy of this sheet.								
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
I am the applicant/inventor.									
assignee of record of the entire interest. See 37 CFR 3.71									
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).									
☑ attorney or agent of record. Registration Number <u>45.449</u>									
	☐ attorney or agent under 37 CFR 1.34.								
Registration number if acting under 37 CFR 1.34,									
December 13, 2004									
7 Martina Signature				Date					
Gwilym J. O. Altwell				215-665-6904					
Typed or printed name Telephone Number									
NOTE: Signatures of all the Inventors or assigness of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.									
☐ Total of forms are submitted.									

This collection of information is required by 37 CFR 1.18(e). The information is required to obtain or retain a benefit by the public which is to the land by the USPTO to process) an application. Confidentially is governed by 39 LIS.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 6 minutes to complete, including satisation, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time your require to complete this form and/or suggestions for reducing pills burden, should be sent to the Citier information Officer, U.S. Passit and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 2213-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissions for Patents, P.O. Box 1450, Alexandria, VA 2213-1450.

If you need assistance in completing the form, call 1-800-PTO-9189 and select option 2.

PAGE 7/8 * RCVD AT 12/13/2004 1:43:32 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-1/2 * DNIS:8729306 * CSID:215 665 2013 * DURATION (mm-ss):03-68

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PTO/SB/31 (09-04)

Approved for use Direction Of/31/2006. ONB 0651-0031

U.S. Petent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwerk Reduction Act of 1995, no parsons are required to respond to 8 collection of information unless it displays a valid OMB control number,

NOTICE OF APPEAL FROM THE EXAMINER TO THE BOARD OF PATENT APPEALS AND INTERFERENCES Docket Number (Optional) PHRM0018-100/PC26682								
I heraby certify that this correspondence is being	In re Application of							
deposited with the United States Postal Service with sufficient postage as first class mail in an envelope	Christopher W. Benjamin							
addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1,8(a)]	Application Number			Filed				
an <u>December 13, 2004</u> .	08/899,495			July 5, 2001				
Signature	For Human Ion Channels							
Typed or printed name Gwilym J.O. Attwell	Art Unit Examiner 1647 Robert S. Lendsman							
Applicant hereby appeals to the Board of Patent Appea	is and interference	as from the	decisio	in of the examiner.				
The fee for this Notice of Appeal is (37 CFR 41.20(b)(1)) \$500								
Applicant claims small entity status. See 37 CFR 1.27. Therefore, the tee shown above is reduced by half, and the resulting fee is:								
A check in the amount of the fee is enclosed.								
Payment by credit card. Form PTO-2038 is attroched.								
The Director has already been authorized to charge fees in this application to a Doposit Account. I have enclosed a duplicate copy of this sheet.								
23 The Director is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. <u>50-1275</u> . I have enclosed a duplicate copy of this sheet.								
☑ A pobition for an extension of time under 37 CFR 1.136(a) (PTQ/SB/22) is enciosed.								
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.								
I am the								
□ applicant/arventor. Signature								
assignee of record of the entire interest,	Guttim J. O. Atturell							
See 37 CFR 9.71. Statement under 97 CFR 9.73(b) is enclosed. (Form PTO/SB/98)								
☑ atterney or agent of record. 215-685-8904								
Registration number 45,449.		Telephona number						
attorney or agent acting under 37 CFR 1.34.								
Registration number if acting under 37 CFR 1.34.	Des	December 19, 2004						
•				Oate				
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more then one eignature is required, see below.								
☐ *Total of forms are submitted.		_						

If you need assistance in completing the form, cet 1-800-PTO-8199 and select option 2.

PAGE 3/8 * RCVD AT 12/13/2004 1:43:32 PM [Eastern Standard Time] * SVR.USPTO-EFXRF-1/2 * DNIS:8729306 * CSED:215 665 2013 * DURATION (mm-ss):03-08

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This collection of Information is required by 37 CFR 41.31. The information is required to obtain or masts a benefit by the public which is to the (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.11, 1.14 and 41.6. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the including case, Any comments on the emount of time your require to complete this form endur suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Bax 1450, Alexandria, VA 22313-1456. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissionar for Patents, P.O. Box 1450, Alexandria, VA 22313-1456.